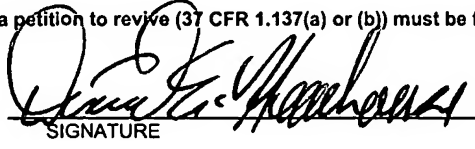


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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 1693.23 US National U.S. APPLICATION NO. (8, known, see 37 CFR 1.5) 107938734 |
| INTERNATIONAL APPLICATION NO. PCT/US2004/008638 | INTERNATIONAL FILING DATE 18 March 2004 | PRIORITY DATE CLAIMED 18 March 2003 |
| TITLE OF INVENTION Dual, Coupled Check Valve for Direct Drive, Reversible Power Sources for Hydraulic Systems | | |
| APPLICANT(S) FOR DO/EO/US Last, Harry J. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/538734 | | INTERNATIONAL APPLICATION NO. PCT/US2004/008638 | | ATTORNEY'S DOCKET NUMBER 1693.23 US National | |
| The following fees have been submitted | | | | CALCULATIONS | PTO USE ONLY |
| 21. <input checked="" type="checkbox"/> Basic national fee..... \$300 | | | | \$ 300.00 | |
| 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200 | | | | \$ 100.00 | |
| 23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500 | | | | \$ 100.00 | |
| TOTAL OF 21, 22 and 23 = | | | | \$ | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 = | | x \$250 | \$ | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | - 20 = | | x \$ 50 | \$ | |
| Independent claims | - 3 = | | x \$200 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 500.00 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | - 250.00 | |
| SUBTOTAL = | | | | \$ | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | + | \$ |
| TOTAL NATIONAL FEE = | | | | \$ 250.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + | \$ |
| TOTAL FEES ENCLOSED = | | | | \$ 250.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>50-1243</u> in the amount of \$ <u>250.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1243</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> | | | | | |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p style="text-align: center;">David E. Newhouse, Esq. Newhouse & Associates 477 Ninth Avenue Ste. 112 San Mateo, CA 94402-1858</p> | | | | | |
| | | | | <p style="text-align: center;"> SIGNATURE</p> <p style="text-align: center;">David E. Newhouse, Esq.</p> <p style="text-align: center;">NAME</p> <p style="text-align: center;">24,911</p> <p style="text-align: center;">REGISTRATION NUMBER</p> | |

JC10 Rec'd PCT/PTO 23 MAY 2005

10/538734

The PTO did not receive the following
listed item(s) *No Post card*

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NEWHOUSE & ASSOCIATES

Twin Oaks Office Plaza Suite 112

477 Ninth Ave.

San Mateo, CA 94402-1858

10/538734

David E. Newhouse, Esq.
Reg. Patent Attorney No. 24,911
CA State Bar No. 54,217

Tel. No. (650) 348-8652
Fax. No. (650) 348-8655
Email: den@attycubed.com

May 18, 2005 **JC17 Rec'd PCT/PTO 23 MAY 2005**

Mail Stop PCT
Commissioner Of Patents
P.O. Box 1450
Alexandria VA 22313-1450

RE: PCT/US2004/008638
File Ref. Applicant: DEN 1693.23 PCT
Applicant: Harry J. Last
Filed 18 March 2004
Title: Dual, Coupled Check Valve for Direct Drive, Reversible Power Sources for Hydraulic Systems

Dear Commissioner of Patents:

EXPRESS REQUEST TO BEGIN NATIONAL EXAMINATION PROCEDURES OF INTERNATIONAL
PATENT APPLICATION PCT/US2004/008638

[35 U.S.C. § 371(f)]

Enclosed please find Original and duplicate of completed Form PTO-1390 together with the following documents:

1. Copy of Amendment to Claims of the International Application identified above. [Copies of this amendment have been previously provided by the Applicant to the U.S. Examining Officer, Thomas E. Lazo. via facsimile.]
2. Copy of the Notification Concerning the Filing of Amendments of the Claims Applicant received from The International Bureau of WIPO.
3. Copy of General Power of Attorney filed with the International Application.

A copy of the international application is not furnished because it was originally filed in the United States Patent and Trademark Office. 37 CFR 1.495(b),

The oath or declaration of the inventor is not furnished because a declaration in compliance with 37 CFR § 1.497 was previously submitted in the international application under PCT Rule 4.17(iv). 37 CFR § 1.495(c)(1)(ii).

The Applicant designated the USPTO as the International Searching Authority (ISA) and as the International Preliminary Examining Authority (IPEA), and has paid all required fees. The USPTO-IPEA has acknowledged receipt of the Applicant's IPEA Demand on 12 October 2004. Fees for initiating National Stage proceedings were calculated on Form PTO-1390 based on the above premises.

Please begin national Examination Procedures for issuance of a U.S. based upon INTERNATIONAL PATENT APPLICATION PCT/US2004/008638.

Very truly yours,



David E. Newhouse, Esq.

DEN: den
Enc.